



THE FRANKFORD RADIO CLUB NEWSLETTER

PROFICIENCY THROUGH COMPETITION

CALENDAR

May 2003:

- 10-11 CQ-M Int. DX Contest
- 13 FRC Meeting, Phila, 8 PM**
- 13 Remy Meeting B**
- 15 T.I.T.S. Meeting, Noon**
- 17-18 Baltic Contest
- 24-25 CQ WPX Test, CW
- 27 Remy Meeting B**

June 2003:

- 10 Remy Meeting B**
- 14 FRC Meeting, K of P**
- 19 T.I.T.S. Meeting, Noon**
- 14-15 South American CW Test
- 21-22 All Asian DX Test, CW
- 22 FRC Summer Mtg, N3RD**
- 24 Remy Meeting B**
- 24 FRC Open, Noon**
- 28-29 ARRL Field Day

July 2003:

- 1 RAC Canada Day Contest
- 8 Remy Meeting B**
- 12-13 IARU HF World Champ.
- 17 T.I.T.S. Meeting, Noon**
- 19-20 No. Amer. QSO Party, RTTY
- 22 Remy Meeting B**
- 26 FRC/YCCC Joint Mtg**

CHANGES

None this month

President's Column

April marks the end of another contest season. It is likely that **FRC** will take second place again. Regrettably, this will be the fifth year running that our club has lost the big four. As long-time members, I believe each of us knows the reasons for these losses and what it will take for **FRC** to again be **#1**. Instead, let May mark the beginning of renewed dedication and effort by everyone to be ready for the coming contest season and together take back first place.

Please remember that we will move back "home" for our monthly meetings. Beginning with the May meeting, we will return to the **University of the Sciences, Rosenburger Hall, Room 102 on Tuesday, May 13 at 8 PM**.

Our 2003 membership fund drive is in full swing and contributions are coming in steadily. If you have not yet sent in your contribution, please do so as early as possible.

Alan Donziger, **N3AD**, is our new Activities Director. Under his direction, we will once again have interesting speakers and videos at our meetings. Your suggestions for topics of interest are welcomed.

In just three weeks it will be time for the annual Dayton Hamvention. Sure will be fun to make the trip again this year to check out the latest and greatest in radio equipment. I hope to see many of the club members there.

73, Joe K3NM

Summer Meetings



June 14 (Saturday) - Special meeting at the King of Prussia Firehouse.

June 22 (Sunday) - **N3RD**. (Directions/time next month)

July 26 (Saturday) - Joint **FRC/YCCC** meeting at the picnic site in New Jersey where it has been the last few years. (Directions in the July newsletter)

More meetings to be announced.

2003 FRC Fund Drive



The 2003 **FRC** Annual Fund Drive is now officially underway. There have been a few inquiries regarding the details of how to make contributions. Basically there are two methods, either of which is fine:

- 1) Check by US Mail. You should have already received a stamped envelope with my address on it. Please make your check payable to: "**Frankford Radio Club**"

If for some reason you don't get an envelope, or you misplace it, you can send your contribution to:

Daniel Marlow, K2QM
39 Wilson Road
Princeton, NJ 08540

**** PLEASE BE SURE TO WRITE YOUR CALL ON YOUR CHECK. ****

- 2) If you wish to contribute using Paypal, the e-mail address is:

k2qm@arrl.net.

I will acknowledge receipt. **PLEASE BE SURE TO INDICATE YOUR CALL IN THE E-MAIL.**

As you know, these are contributions and not "dues" so there is no fixed rate. To set the scale, however, it may help you to know that the cost of operating the club last year was about \$45.00 per member. I am guardedly optimistic that owing to various economy measures, this year's costs will be a bit lower.

73, Dan Marlow, K2QM
FRC Treasurer



Main Monthly Meeting



On Tuesday, May 13, the main **FRC** monthly meeting will be held at the **University of the Sciences, Rosenburger Hall, Room 102, Philadelphia**. The meeting will start at 8 PM. Directions to the campus may be found at www.usip.edu/directions/index.shtml, while a campus map may be found at www.usip.edu/map/.

T.I.T.S. meeting

The Trexlertown International Transmitting Society meets at the Pied Piper / 76 House, located on the southwest corner of Route 222 and Route 100 at the traffic light. The meeting will be on Thursday, May 15 at 12:00 noon.

Rexy Meeting B

The Rexy's **FRC** Meeting B meets after the main **FRC** meeting on the second Tuesday of each month, and at about 8 PM on the fourth Tuesday of each month.

FRC Open Golf Tourney Coming in June!!

This years FRC OPEN will be held at Southmoore Golf Club. Visit www.southmooregolf.com for directions/details.

The date is Tuesday, June 24th with tee off at 12:00 noon. Lunch and a driving range is available at the course. Rick, **K300** needs to know by June 1st if you are planning on attending so he can reserve a tee time .

You may contact Rick at rsaeger@fast.net

73/FORE Rick K300



Ed. Note: The following was posted to the FRC reflector by club President K3NM and is reprinted here in its entirety.

Dear FRC Members,

I have been thinking about my last five or six years of contesting for our club. While I have had fun contributing points, there has been something missing that is very important to me ---- **the satisfaction of being #1 in the unlimited category**. I have heard members say, "We lost because *they* (YCCC) have more members than we do." In my opinion, this reasoning is just an excuse for our own blame. In truth, FRC gave *them* the title by not contesting effectively.

What do you think made FRC # 1 for so many years? Why have we lost motivation in recent years? I believe we forfeited our title because of fading interest and lack of effort as a team. The FRC's winning strength was always its dedicated, superior operators that outperformed *their* strength in numbers. FRC still has the BEST operators in the world and lots of great stations to again be **#1!** We lost our 9 year running title because we, as a club, just did not get on the air and compete together as a team.

I believe we all know the past problems and now it is time to decide to correct them for our next contest season. As a club, we must renew our desire to win and be **#1** again. It will be necessary for every member **to operate all four major contests** to the best of their abilities. I see this goal as one our Club we can easily achieve. It will require that we fix the equipment problems with our stations now and make the **commitment of time and energy** to get on the air and operate these four major contests regardless of individual preference for CW or phone. FRC is fortunate to have several excellent multi stations at which anyone without their own can participate. Just plan to get together and work these important contests in support of FRC. We lost the CQWW by a mere 38 meg. If every member had been on the air and worked a bit harder, FRC would have WON. Our past scores show that as a club we remained committed and stayed in our chairs even when conditions were very tough. As band conditions continue to worsen, it will be very difficult for the *competition* to get their new members to stay the course as we have done in the past.

I joined FRC ten years ago to be part of the team of testers who proudly insisted on being **#1** and who shared a real enthusiasm and sense of dedication. We are the same FRCers --- only now improved by our many skillful, new members. I ask your support in renewing this feeling of pride and enthusiasm. FRC's strength of quality can beat *their* strength in number!

In the end, we must ask ourselves if we really want to be the **#1** club again and will we together give the effort necessary to make it happen? Please share your thoughts and suggestions to make this happen in the coming contest season.

Thank you, Joe K3NM, President

CQ WPX SSB FRC Claimed Scores

FRC Callsign Badges

Station	QSOs	Pfx	Score	Class
K3MD	1,063	521	1,192,048	SOABHP
K3WW	942	515	1,042,360	SOA HP
AA3B	637	419	718,585	SOA HP
NJ2YL	1,406	672	1,950,144	M/S
<i>Ops. N2ED, NJ2YL, NJ2OM</i>				
W3KLG	235	175	111,475	SOABHP
<i>Op. K3ND</i>				
N3AD	2,482	878	4,957,878	M/S
<i>Ops. N3AD, N3DXX</i>				
V47KP	5,523	1,109	16,652,774	M2
<i>Ops. W2OX, K3NM</i>				
KQ2M	2,957	1,004	7,231,812	SOHP
W3BGN	528	311	483,000	SO75Mtr

Bruce Eichmann, **W2BE**, wants club members to know that he makes **FRC** callsign badges. The price is \$7.00. He can be reached at beichmann@worldnet.att.net or (856) 854-8411.

FOR SALE:

1. Two Cushcraft A3S's in Excellent Condition \$175.00
2. One Radio Shack 100 watt soldering gun \$10.00
3. One 6 GB Western Digital IDE HD 1yr old Warranty \$25.00
4. One Sound Blaster Live Value \$25.00
5. SCSI Package: \$100.00 Individually:
 - a. 9GB Seagate 10,000RPM HD \$40.00
 - b. Connor Tape Back Drive w/3 8GH Tapes \$35.00
 - c. Mitsubishi CDRW 2x2x6 \$20.00
 - d. Adaptec 2940 PCI SCSI Adapter will support up to 15 devices. \$ 50.00



Contact Steve, **N3MX** at n3mx@arrl.net, sschrack@ptd.net or 570-629-

FOR SALE:

Icom 746 with 3 filters mint cdx \$925
 without filters \$800
 contact Rick **K3OO** at rsaeger@fast.net or 610-863-4971 before 9:00pm

AUCTION:

Harry Buchin, **W3TEB** is having a retirement auction, selling off his electronics inventory, especially old radios and TV stuff. He owned Buchin's Hardware in Macungie, PA for many years, where he did TV and radio repair. It is on PA 100, south of I-78 and US-22, South West of Allentown, PA. The auction is May 10, 2003, 9 AM.

More information about W3TEB, Harry's Auction may be found at <http://www.kitparts.com/w3teb/>

Info courtesy K3ANS

2003 Hamfest Schedule

Are you eligible for an FRC Award?

May 4	Wrightstown, PA
May 10	Lebanon, PA
May 25	W. Friendship, MD
June 1	Manassas, VA
June 14	Bloomsburg, PA
June 15	Frederick, MD
July 4	Harrisburg, PA
July 6	Wilkes-Barre, PA
July 13	Kimberton, PA
July 19	Jonestown, PA
July 27	Timonium, MD
August 2	Lewistown, PA
August 3	Berryville, VA
August 10	Westminster, MD
August 24	Hanover, PA
September 6	Bartonsville, PA
September 6-7	W. Friendship, MD
September 13-14	York, PA
September 20	Allentown, PA
October 19	Sellersville, PA
October 25	Carlisle, PA
October 26	Westminster, MD

Thanks to Glenn, K3SWZ.

"**FRC** members who achieve single-op scores of one million or more for the first time in one of the four major international contests are eligible for an award. Separate awards are given for each contest, so each **FRC** member is eligible for up to four awards. If you qualify, please contact Dan Marlow, **K2QM**, with the details (contest, score, call, and call used, if different). **K2QM** can be reached by e-mail: k2qm@arrl.net; or by U.S. mail: 39 Wilson Road, Princeton, NJ 08540. "



W3NX, SK

Roy A. Belair, age 87 of Hilton Head, SC, died on April 4, 2003 at the age of 87. He was born in Oxford, MA on March 4, 1916. He moved to Hilton Head from Wilmington, DE, where he had resided since 1940. Mr. Belair served in the United States Merchant Marines as a radio operator during World War II. He retired as chief engineer from the Hercules Powder Company in 1977 and returned as a consultant for several years. He was a life member of the American Radio Relay League, a past president of the Frankford Radio Club, and a first class member of the CW Operators Club. His call letters were W3NX. He was an avid golfer and active member of the Hercules Country Club.

Memorial contributions may be made to the Roy Belair Memorial Alzheimer's Fund at Carolina House of Hilton Head, 35 Beach City Rd., Hilton Head Island, SC 29926.

Roy was always a big help with antenna projects when we lived in Hilltop Manor north of Wilmington, not far from his QTH.

Info courtesy Jon AAIK

All of FRC extends its deepest sympathy to his family.



FCC OPENS RECEIVER INTERFERENCE IMMUNITY INQUIRY

The FCC wants to know how it can incorporate receiver interference immunity specifications within its overall spectrum policy. In a Notice of Inquiry (NOI) released March 24, the FCC seeks public comments on possible methods and means of improving receiver performance. The Commission suggests that these could include incentives, guidelines or regulatory requirements--or a combination of all three. "From a technical standpoint, a radio receiver's susceptibility to interference is largely dependent on the interference immunity of the device, particularly with regard to its rejection of undesired radio frequency (RF) energy and signals," the FCC said in its introduction to the NOI. While expressing its reluctance "to implement a new regulatory regime" of mandatory receiver standards, the Commission said it believes incorporating receiver performance specifications could "promote more efficient utilization of the spectrum and create opportunities for new and additional use of radio communications." The FCC said the NOI builds upon the recent work of its Spectrum Policy Task Force, which looked at ways to improve overall radio spectrum management. The ARRL commented on the Task Force report and plans to comment in the receiver interference immunity NOI as well. While the NOI does not specifically address interference from Amateur Radio transmitters to consumer TV and radio receivers, the FCC does seek information describing the interference immunity characteristics of "receivers used in the various radio services." With respect to broadcast sets, the FCC suggests in its NOI that set manufacturers have been doing a pretty good job all along. The FCC seeks comments on "the desirability of developing minimum interference immunity performance specifications for broadcast receivers." But it added that the Commission has no plans to reverse its "longstanding practice of allowing the market to determine the performance of broadcast receivers, with the Commission stepping in only where obvious deficiencies appear" that could disrupt reception. FCC Chairman Michael Powell said he'd prefer that the Commission "rely on market incentives and voluntary industry programs to establish receiver immunity guidelines." The FCC Notice of Inquiry in ET Docket 03-65 is available on the FCC Web site <http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-54A6.doc>. Although it has not formally been posted for the filing of comments via the FCC's Electronic Comment Filing System (ECFS), the system is accepting comments. The formal comment period concludes 75 days from publication of the NOI in the Federal Register, which has not yet happened. The FCC does not post such dockets for electronic comments until publication occurs.

FCC ADOPTS CHANGES TO REPETITIOUS APPLICATIONS RULE

The FCC has amended its rules to prohibit the filing of repetitious license applications in the wireless radio services--including the Amateur Radio Service--within a year after it has denied or dismissed "a substantially similar application" with prejudice. The FCC also has streamlined §1.937 by combining the first two subsections of the rule into a single paragraph. The FCC invited comments on the proposed changes more than a year ago in ET Docket 02-57. "Our amendment of §1.937 will simplify and clarify our prohibition against repetitious applications," the FCC said in a Report and Order (R&O) released April 16. The FCC said the new language reflects the rule's applicability to all types of license applications. The revised rule also "sufficiently distinguishes applications dismissed without prejudice from those either dismissed with prejudice or denied," the Commission said. While the change applies to the Amateur Service, it would prohibit only a handful of applications filed by new and renewing hams. Most dismissed amateur applications--such as vanity dismissals--are turned down without prejudice because of procedural deficiencies. The FCC now allows such rejected applicants to correct their mistakes and file again, and it will continue to do so. When it issued the Notice of Proposed Rule Making (NPRM) in the proceeding in March 2002, the FCC cited the then-pending application of Herbert Schoenbohm, KV4FZ, of the US Virgin Islands, as an example of a repetitious application for the same service less than 12 months after the final denial of a previous application. Schoenbohm had applied for a new Amateur Radio license only weeks after his authority to operate had ended following the Supreme Court's refusal to hear an appeal of the FCC's denial of his license renewal application. FCC rules already prohibited repetitious applications for new stations, modifications of services or facilities, or for licenses that have been revoked. The amended rule covers the filing of other repetitious applications not specified within the old rule's language, including renewal applications. The rule changes become effective 30 days after publication in the Federal Register. A copy of the FCC Report and Order is available on the FCC Web site <http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-79A1.doc>.



PUBLISHING RESULTS OF ARRL-SPONSORED CONTESTS

ARRL publishes the results of ARRL-sponsored contests on its Web site and in QST, although only ARRL members may access the more-detailed Web-based contest coverage. Here's how it works. As soon as possible after an operating event, an extensive post-contest writeup and searchable, indexable detailed score listings--available only to ARRL members--go up on the ARRL Web site <<http://www.arrl.org/contests/results/>>. Subsequently, an article summarizing the contest appears in QST, usually about a month later. The QST article typically is less extensive than the Web writeup and QST contest reports no longer include detailed line scores. Finally, at about the time members receive their issues of QST, a PDF file will be posted on the ARRL Contest Results Web page <<http://www.arrl.org/contests/results/>> that includes the text of the QST article as well as detailed line scores--although these are not searchable. The PDF version is available to everyone--members and nonmembers alike--along with the on-line "Soapbox" comments.--

“BROADBAND OVER POWER LINE” POSING HF INTERFERENCE THREAT?

The FCC soon will invite public comment on the concept of using existing electrical power lines to deliver Internet and broadband service to homes and offices. The Commission initiated a Notice of Inquiry (NOI) in ET Docket 03-104 when it met April 23. What the FCC calls "Broadband over Power Line" (BPL) is a form of carrier-current technology typically known as power line communication (PLC). Whatever its name, the technology is raising serious interference concerns within the Amateur Radio community, since BPL would apply high-frequency RF to parts of the power grid. One aspect of the NOI is to gather information on potential interference effects on authorized spectrum users. "Entire communities will be affected, so every amateur in that community could have part of the radiating system 'next door' on the power wiring on his or her street," cautioned ARRL Lab Supervisor Ed Hare, W1RFI. Hare chairs the PLC Work Group of the IEEE C63 Accredited Standards Committee on Electromagnetic Compatibility <<http://c63.ieee.org/>>. The complete NOI has not yet been released, and until that happens, the FCC will not formally accept comments in the proceeding. The ARRL will be among those expected to submit detailed comments in ET 03-104. So-called "access BPL" would use medium-voltage (1 kV to 40 kV) power lines to deliver Internet and broadband applications. Hare says access BPL is likely to be a more significant interference source than in-building PLC technology "because overhead electrical wiring is a much better antenna than the electrical wiring within a building." ARRL CEO David Sumner, K1ZZ, editorialized on the subject of PLC in "It Seems to Us . . ." in the October issue of 2002 QST. "Is it possible to do power line communications without causing interference to over-the-air communications?" Sumner asked. "Count us among the skeptics. What may be a fine transmission line at 60 Hz looks more like an antenna at HF." Hare said his own computer analyses of interference potential from access BPL/PLC suggest "a significant increase in noise levels" from deployed systems. The FCC appears enthusiastic about BPL, however, saying it has the potential to "provide consumers with the freedom to access broadband services from any room in the house without adding or paying for additional connections." The Commission also touted BPL as "a competitive alternative to digital subscriber line and cable modem services." New digital power line designs use multiple carriers spread over a wide frequency range--from 2 MHz up to 80 MHz--and capable of high data rates--up to 20 MB/s, the FCC said. In addition to viewpoints on interference potential, the FCC also has requested comments on the current state of high-speed BPL technology, test results from BPL experimental sites, appropriate measurement procedure for testing emission characteristics for all types of carrier-current systems, changes that may be needed in Part 15 technical rules, and the equipment approval process to foster the development of BPL.

Tests of BPL are under way in several states, including Alabama, Maryland, Missouri, New York, Ohio, Pennsylvania and Virginia. Hare says ARRL Lab personnel will visit some of the test cities this spring to take field measurements to quantify the potential for interference to Amateur Radio operations. BPL/PLC technology already has been deployed in some European countries, and amateurs there have complained about interference. Japan--responding in part to concerns expressed by its amateur community--decided last year not to adopt the technology because of its interference potential.

N2SS
FRC DX NEWS
 Editor

MAY 19TH YEAR 2007



**Notes From
Your Editor**

Dayton bound! That time of year again and I can't wait to get back out there. The Air Force Museum, dinner at the Barnsider, the HARA Arena, the Miami Room....ahhh, life is good. The big rumor for this Dayton is a prototype showing of a new competition grade radio from Icom. Model number is IC-7800, IC-785 or something like that and with a rumored price tag (are you ready?) of \$7 to \$8K. Now I know what a lot of you are saying: "Crazy! No way!" But let me remind you that you probably had the same reaction to a \$5K price tag for the 781 a number of years ago....and how many 781's are there in the club, purchased new? More than a few.

Anyway, let's hope the rumor is true. It would be great to see some life back in the HF equipment business. I was in Las Vegas for a few days during April to attend the NAB show for a current consulting client of mine. While there I had a chat with one of my good Sony Japan ham buddies and told him I missed those excursions to Akihabara. He shared with me that there are only one or two ham shops left in Akihabara and that the big Japanese ham equipment manufacturers are all concentrating on the domestic mobile telephone business called Docomo. Docomo is a hugely successful interactive mobile telephone, messaging, media and web service that took the Japanese market by storm.

**CURRENT OFFICIAL ARRL
DXCC STATISTICS**

Active Count.....	335
Deleted Count.....	58
Last Addition.....	VP6/D
Last Deletion.....	STØ

9M – MALAYSIA

9M2/G3LIV will be active on the following schedule:
 Malaysia May 6th to 16th,
 Penang Is (AS-015) May 16th to 30th,
 Langkawi Is (AS-058) May 30th to June 9th.

HS – THAILAND

K4VUD is signing as HSØZCW until mid-June. Operation is 40 through 10 Meters only, no WARC bands. QSL to his home call.

VK9 LORD HOWE IS

Now through May 10th: VK7TS and VK7MO operating as VK9LS. QSL to either directly or via the bureau.

YB – INDONESIA

YC8RRK is currently active from Sangihe Island (OC-210) on 15 Meters SSB daily from 1400-1600 UTC. QSL direct to YC9BU using IRCs only.

YC9BU and team will on Rote Island (OC-241) as 8A9R during mid-June. Operation will be limited to 10, 12, 15, 17 and 20 Meters. QSL to YC9BU as above.



For tracking purposes the top IOTA numbers currently are as follows (Note there are 5 additions below since last month: Asia 1, Oceania 4.)

Africa.....	AF-093
Antarctica.....	AN-018
Asia.....	AS-167
Europe.....	EU-188
North America.....	NA-224
Oceania.....	OC-261

South America..... SA-093
 Total IOTA's..... 1044

Upcoming

AS-148 HL1OYF/4, HL1EJT/4, DS4NYE/4 and DSØPF/4 will be the calls signs from Wi Island May 24th to 27th. QSLs go to HL1OYF via the bureau or direct at:

P.O. Box 54
 Dong-jak, Seoul 156-600
 SOUTH KOREA

EU-042 DL1RTW/p and DL7UXG/p will be active from Pellworm Island 19th to 22nd.

EU-047 DH9YPA will be active on Borkum Island now through May 9th. QSL via bureau.

EU-048 TM7R is the call being used from Groix Island now through May 12th. QSL via F6KOP.

Information

***AS-167** XY4KQ activated the Irrawaddy/Yangon/Pegu Region for the first time.

***OC-258** P29VMS did the honors from Papua New Guinea Coastal Islands North....

***OC-259**and again was first ever from Kukuoro Atoll.

***OC-260** V60A/p made the initial operation from Oroluk Atoll.

***OC-261** VI5WCP debuted the South Australia State West Center group.

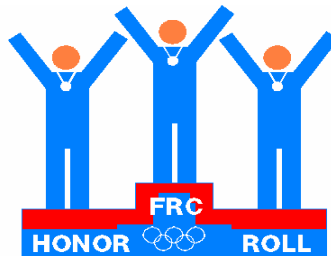
"S"pecial "S"alute

Have you made your contribution yet? Contribute to your Newsletter and get the "S" "S".

©

73, Tony N2SS

You can reach me as follows:
 H:856-227-4896 W:856-227-1298
n2ss@n2ss.com
argargano@comcast.net



MAY **CONDUCTED by N2SS** **2003**

WARC BANDS

<u>30 Meters</u>	<u>17 Meters</u>	<u>12 Meters</u>
K2FL.. 327	K2FL...333	N2TK ..325
N2TK324	N2TK 331	K2FL..... 324
N2LT309	N2LT 329	N2LT..... 316
W3BGN ...297	K2JLA 328	W3BGN... 305
K2RW290	W3CF 323	K2RW 296
W8FJ.....284	K2RW 320	N2SS..... 294
W2YC.....281	W3BGN ... 320	K2JLA 284
K2PS275	N2SS 314	K2PS..... 265
N2SS267	K2PS 294	W3SOH ... 265
WA2VYA ..263	W2YC 289	W2YC..... 264
K2JLA237	WA2VYA ..288	WA2VYA. 261
W3SOH ...223	W8FJ 286	WT3W 258
K3II.....222	W3SOH.... 266	KS3F..... 232
W2LE.....205	WT3W..... 264	W8FJ..... 222
KS3F.....178	N1RK 247	N1RK..... 217
K2BU.....175	W3OV 234	KQ3F 199
AA2WN...164	K3II 233	K3II..... 195
WT3W162	KQ3F..... 232	W3CF 192
W3OV150	KS3F 215	W2YR..... 181
KQ3F141	W2LE..... 196	K2NJ..... 162
W2YR.....124	W2YR 194	W2LE 161
AB2E111	K2JF 168	W3OV..... 160
K2JF.....111	NA2U 155	NA2U 138
NA2U.....103	K2NJ 145	K2JF 135
K2NJ97	K3ND 110	WT3P..... 127
K3PP68	WT3P 106	AB2E 82
N2VW.....67	AA2WN ... 102	K3PP..... 53
N1RK46	K3GYS..... 83	K3GYS 30
K2WJ28	AB2E..... 82	N2VW..... 25
W3CF.....27	N2VW 63	AA2WN.... 19
N2MT15	K3PP 60	K2WJ..... 17
K3GYS8	K2WJ 40	N2MT 6
KB3FEE.....1	N2MT 26	KB3FEE 3

Still looking for that undisputed
KING OF WARC

6 METER DXCC

N2LT 102	K3OO 52
K2NJ 95	N2SS 50
K2JF 94	W2YR 41
AA1K 93	K3PP 30
K2PS 81	WT3P 39
WA2VYA 75	K2RW 36
WT3W 65	W2YC 14
N1RK 57	

160 Meters

W3BGN289	WT3W 127
AA1K282	K2PS 102
K2BU.....260	K2RW 92
WT3Q.....250	W2YR..... 80
N2LT239	N2SS..... 75
N2TK239	N2VW..... 74
K3NW228	NA2U..... 73
K3SX210	W3CF..... 69
W8FJ192	K3NL 62
NO2R.....176	K2NJ 59
K3JIG176	K3PP 59
K3NZ.....170	KQ3F 41
W3OV163	N1RK..... 40
W2YC.....156	KB3FEE..... 38
N3RS156	K2JLA 35
K3II149	W2LE..... 27
K3NM.....146	AA2WN 25
WA2VYA144	K2JF 20
K2FL139	N2MT 14
K3ND133	K3GYS 12
KS3F129	W3SOH..... 12
	K2WJ 3

W3BGN continues as the undisputed
Top of Top Band

Digital

W2UP.....333	W3CF..... 100
N2LT326	W2LE..... 81
K2PS.....275	K2JF..... 57
W3SB245	WA2VYA 50
K2RW.....231	N2SS..... 46
K2NJ.....221	N1RK..... 42
W2YC.....212	N2MR..... 28
AA2WN.....162	KQ3F 23
WT3W155	K3GYS 15
WT3P.....133	K2WJ 12
K3PP.....123	W8FJ..... 12
W2YR.....122	N2VW..... 7

MOBILE DX

W2YC274	K3GYS 143
AA1K258	AA2WN 131
N2SS.....234	WT3Q 107
N2MR.....196	KB3FEE..... 48
K2JF150	K3PP 46
	W2YR..... 21

1.5K Club

K2FL..... 1704	KS3F.....1407
W3BGN 1691	WT3W1395
N2TK..... 1685	K2NJ.....1383
N2LT..... 1658	W3SOH1378
W2UP 1644	K2JF1350
K2RW..... 1591	AA2WN.....1295
W8FJ 1577	NA2U1295
N3RS..... 1564	N1RK.....1278
K2BU 1550	N2VW1240
W2YC 1511	WT3Q.....1162
K2PS..... 1509	K2WJ.....1161
N2SS 1505	W2YR.....1125
NO2R 1489	W2LE1115
K3ND 1488	K3PP.....1110
N3RD 1451	K3NM.....1107
WA2VYA ..1429	W3CF1077
K2JLA 1428	WT3P.....1009
KQ3F..... 1412	N2MT 719
	KB3FEE231

Islands On The Air

K2FL..... 945	KS3F.....319
K2JLA 854	N2VW 250
W3SOH 762	W2YR..... 226
N2SS 747	K2WJ..... 223
W2YC 533	WT3W 218
W8FJ 530	W3CF 200
N1RK 509	K3GYS 162
	KB3FEE23

Rules for FRC Honor Roll Listings.
Provide me with your total IOTAs worked, or countries (including deleted) worked for: WARC Bands, 160 Meters, Digital modes, Mobile, 6 Meters or your total for 80,40,20, 15 and 10 for 1.5K Club. Countries do not count until HQ Awards Committee takes action and announces a start date for a new country.



THE FRANKFORD RADIO CLUB NEWSLETTER

P. O. Box 431 Alburton, PA 18011-0431



Affiliated Club

In This Issue

SUMMER MEETINGS
2003 FRC FUND DRIVE
FRC OPEN GOLF
CQ WPX SSB SCORES
HAMFEST SCHEDULE
AND MORE!

**Deadline for June issue:
Tuesday, May 27**

The Frankford Radio Club

Club Officers

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Repeater

2 meters, 147.27/147.87
Output PL tone, 114.8

Home Page

www.gofrc.org

Meetings

Meetings are held on the 2nd Tuesday of each month (Sep through May) at 8 PM at the University of the Sciences, Philadelphia. Summer meetings are held at member homes (one Saturday/ Sunday per month).

Packet Cluster Contest/DX System

144.910 N2MT
144.930 W3FRC
145.650 K2TD
144.950 KD3CN
145.530 K3WW
145.530 AA1K
145.530 K2SG
145.570 WT3Q
145.570 K2TW
145.590 N2NT
144.950 K3GYS
145.710 W3EA
145.730 N2BIM
147.495 W3MM
145.670 W3PP
441.050 W3MM
445.525 K3GYS
445.525 W3EA
445.850 N3BNA
..TBA N3ED

Telnet DX Cluster

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